

Chem Alert Report

Product Name **DEXTROSE ACS (ANHYDROUS)**

| Ingredient | Conc. | CAS No. |
|------------|-------|---------|
| GLUCOSE | 100% | 50-99-7 |

Synonyms **NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA**
D-GLUCOSE, DEXTROSE, DEXTROSE MONOHYDRATE.

Appearance WHITE CRYSTALLINE SOLID

Odour ODOURLESS

Use(s) FOOD ADDITIVE, FOOD FLAVOURING, STABILISER.

Supplier FRONINE LABORATORY SUPPLIES Ph: 02 9627 3600 Emerg. Ph: 13 11 26

Stock No. 523.

Poison Sched None Allocated

Hazchem None Allocated

UN No. None Allocated

D.G Class None Allocated

Pkg Group None Allocated

EPG None Allocated

Sub/Tert Risk None Allocated

HEALTH HAZARDS

Health Hazard Summary Low toxicity - low irritant. No adverse health effects are anticipated with normal use of this product.

Eye Low irritant. Exposure may result in irritation and lacrimation.

Inhalation Low irritant. Over exposure may result in mucous membrane irritation of the nose and throat with coughing.

Skin Low irritant. Prolonged contact may result in irritation.

Ingestion Non toxic.

PRECAUTIONS

Flammability Combustible - potentially explosive dust when exposed to heat or ignition sources. Will evolve toxic carbon oxides when heated to decomposition.

Reactivity Incompatible with strong oxidising agents.

Ventilation No special ventilation precautions are normally required when handling this product.

PERSONAL PROTECTIVE EQUIPMENT

PPE No personal protective equipment is normally required. When using large quantities or where heavy contamination is likely, wear dust-proof goggles and PVC or rubber gloves. Where an inhalation risk exists, wear a Class P1 (Particulate) Respirator.

NO PPE REQUIRED

Colour
Rating
GREEN

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FIRST AID

- Eye** Flush gently with running water. Seek medical attention if irritation develops.
- Inhalation** Not applicable.
- Skin** Gently flush affected areas with water.
- Ingestion** Ingestion is considered unlikely.

SAFE HANDLING

- Storage** Store in cool, dry, well ventilated area, removed from oxidising agents and heat sources. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.
- Waste Disposal** No special precautions are required for the disposal of this product.
- Transport** Not regulated for transport purposes.

EMERGENCY

- Spillage** If spilt (bulk), wear dust-proof goggles, PVC/rubber gloves, and a Class P1 (Particulate) respirator where a dust inhalation risk exists. Collect and place in sealable containers for disposal. Avoid generating dust.
- Environment** This product is not anticipated to cause adverse effects to animal or plant life if released to the environment in small quantities. Not expected to bioaccumulate.
- Fire and Explosion** Combustible - potentially explosive dust. Evacuate area and contact emergency services. Toxic gases may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
- Extinguishing** Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways, absorb runoff with sand or similar.

PHYSICAL AND CHEMICAL PROPERTIES

Flammability: COMBUSTIBLE
Boiling Point: NOT RELEVANT
Exposure Standard: 10 mg/m³ Nuisance dust
pH: NOT AVAILABLE
Specific Gravity: NOT AVAILABLE
Vapour Pressure: NOT RELEVANT
Lower Explosion Limit: NOT AVAILABLE

Flash Point: NOT AVAILABLE
Melting Point: NOT AVAILABLE
Evaporation Rate: NOT RELEVANT
% Volatiles: NOT RELEVANT
Solubility (water): SOLUBLE
Upper Explosion Limit: NOT AVAILABLE